

10 20 30 40 50
GACGGATCGGGAGATCTCCCGATCCCCTATGGTCGACTCTCAGTACAATC
60 70 80 90 100
TGCTCTGATGCCGCATAGTTAAGCCAGTATCTGCTCCCTGCTTGTGTGTT
110 120 130 140 150
GGAGGTCGCTGAGTAGTGCGCGAGCAAAATTTAAGCTACAACAAGGCAAG
160 170 180 190 200
GCTTGACCGACAATTGAGCTCGGTACCCGGGGAGATCCGGTAAGGACCAG
210 220 230 240 250
CTTCTTTGGGAGAGAACAGACGCAGGGGCGGGAGGGAAAAAGGGAGAGGC
260 270 280 290 300
AGACGTCACCTTCCCCTTGGCGGCTCTGGCAGCAGATTGGTCGGTTGAGTG
310 320 330 340 350
GCAGAAAGGCAGACGGGGACTGGGCAAGGCACTGTCGGTGACATCACGGA
360 370 380 390 400
CAGGGCGACTTCTATGTAGATGAGGCAGCGCAGAGGCTGCTGCTTCGCCA
410 420 430 440 450
CTTGCTGCTTCACCACGAAGGAGTTCCCGTGCCCTGGGAGCGGGTTCAGG
460 470 480 490 500
ACCGCTGATCGGAAGTGAGAATCCCAGCTGTGTGTCAGGGCTGGAAAGGG
510 520 530 540 550
CTCGGGAGTGCGCGGGGCAAGTGACCGTGTGTGTAAAGAGTGAGGCGTAT
560 570 580 590 600
GAGGCTGTGTGCGGGGCAGAGGCCCAAGATCTCAAGGGCCCATAACATGTG
610 620 630 640 650
TACCATCGATTGCAGGGGAGATACCATGATCACGAAGGTGGTTTTCCAG
660 670 680 690 700
GGCGAGGCTTATCCATTGCACTCCGGATGTGCTGACCCCTGCGATTTCCT
710 720 730 740 750
CAAAGCTTGAAACTCGACTGCATAATTTGTGGTAGTGGGGGACTGCGTT
760 770 780 790 800
CGCGCTTTCCCCTGACTTTCTGGAGTTTCAAAGTAGACTGTACGCTAAC
810 820 830 840 850
CGGATCCTCTAGAGTCGACCTGCAGGCATGCAGAAGACAATTAGCAGGCA
860 870 880 890 900
TGCTGGGGATGCGGTGGGCTCTATGGCTTCTGAGGCGGAAAGAACCAGCT
910 920 930 940 950
GGGGCTCTAGGGGGTATCCCCACGCGCCCTGTAGCGGCGCATTAAGCGCG

Fig. 1A

960	970	980	990	1000
GCGGGTGTGGTGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCT				
1010	1020	1030	1040	1050
AGCGCCCGCTCCTTTTCGCTTTCTTCCCTTTCCTTTCTCGCCACGTTTCGCCG				
1060	1070	1080	1090	1100
GCTTTCCCCGTCAAGCTCTAAATCGGGGCATCCCTTTAGGGTTCCGATTT				
1110	1120	1130	1140	1150
AGTGCTTTACGGCACCTCGACCCCAAAAACTTGATTAGGGTGATGGTTTC				
1160	1170	1180	1190	1200
ACGTAGTGGGCCATCGCCCTGATAGACGGTTTTTCGCCCTTTGACGTTGG				
1210	1220	1230	1240	1250
AGTCCACGTTCTTTAATAGTGGACTCTTGTTCCAAACTGGAACAACACTC				
1260	1270	1280	1290	1300
AACCCTATCTCGGTCTATTCTTTTGATTTATAAGGGATTTTGGGGATTTTC				
1310	1320	1330	1340	1350
GGCCTATTGGTTAAAAAATGAGCTGATTTAACAAAAATTTAACGCGAATT				
1360	1370	1380	1390	1400
AATTCTGTGGAATGTGTGTCAGTTAGGGTGTGGAAAGTCCCCAGGCTCCC				
1410	1420	1430	1440	1450
CAGGCAGGCAGAAGTATGCAAAGCATGCATCTCAATTAGTCAGCAACCAG				
1460	1470	1480	1490	1500
GTGTGGAAAGTCCCCAGGCTCCCCAGGCAGGCAGAAGTATGCAAAGCATGC				
1510	1520	1530	1540	1550
ATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCCCATCCCCG				
1560	1570	1580	1590	1600
CCCCTAACTCCGCCCAGTTCCGCCCATTCTCCGCCCCATGGCTGACTAAT				
1610	1620	1630	1640	1650
TTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCTGCCTCTGAGCTATTCC				
1660	1670	1680	1690	1700
AGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTC				
1710	1720	1730	1740	1750
CCGGGAGCTTGTATATCCATTTTCGGATCTGATCAGCACGTGTTGACAAT				
1760	1770	1780	1790	1800
TAATCATCGGCATAGTATATCGGCATAGTATAATACGACAAGGTGAGGAA				
1810	1820	1830	1840	1850
CTAAACCATGGCCAAGTTGACCAGTGCCGTTCCGGTGCTCACCGCGCGCG				
1860	1870	1880	1890	1900
ACGTCGCCCGAGCGGTTCGAGTTCTGGACCGACCGGCTCGGGTTCTCCCGG				

Fig. 1B

1910 1920 1930 1940 1950
GACTTCGTGGAGGACGACTTCGCCGGTGTGGTCCGGGACGACGTGACCCCT
1960 1970 1980 1990 2000
GTTTCATCAGCGCGGTCCAGGACCAGGTGGTGCCGGACAACACCCCTGGCCT
2010 2020 2030 2040 2050
GGGTGTGGGTGCGCGGCCTGGACGAGCTGTACGCCGAGTGGTCGGAGGTC
2060 2070 2080 2090 2100
GTGTCCACGAACTTCCGGGACGCCTCCGGGCCGGCCATGACCGAGATCGG
2110 2120 2130 2140 2150
CGAGCAGCCGTGGGGGCGGGAGTTCGCCCTGCGCGACCCGGCCGGCAACT
2160 2170 2180 2190 2200
GCGTGCACTTCGTGGCCGAGGAGCAGGACTGACACGTGCTACGAGATTTC
2210 2220 2230 2240 2250
GATTCCACCGCCGCCTTCTATGAAAGGTTGGGCTTCGGAATCGTTTTCCG
2260 2270 2280 2290 2300
GGACGCCGGCTGGATGATCCTCCAGCGCGGGGATCTCATGCTGGAGTTCT
2310 2320 2330 2340 2350
TCGCCCACCCCAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGC
2360 2370 2380 2390 2400
AATAGCATCACAAATTTACAAATAAAGCATTTTTTTTCACTGCATTCTAG
2410 2420 2430 2440 2450
TTGTGGTTTGTCCAACTCATCAATGTATCTTATCATGTCTGTATACCGT
2460 2470 2480 2490 2500
CGACCTCTAGCTAGAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTG
2510 2520 2530 2540 2550
TGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCAT
2560 2570 2580 2590 2600
AAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTG
2610 2620 2630 2640 2650
CGTTGCGCTCACTGCCCGCTTTCAGTCGGGAAACCTGTCGTGCCAGCTG
2660 2670 2680 2690 2700
CATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCG
2710 2720 2730 2740 2750
CTCTTCCGCTTCCTCGCTCACTGACTCGCTCGCTCGGTCGTTCCGGCTGC
2760 2770 2780 2790 2800
GGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAA
2810 2820 2830 2840 2850
TCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGC

Fig. 1C

2860 2870 2880 2890 2900
CAGGAACCGTAAAAAGGCCGCTTGCTGGCGTTTTTCCATAGGCTCCGCC
2910 2920 2930 2940 2950
CCCCTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAAC
2960 2970 2980 2990 3000
CCGACAGGACTATAAAGATAACCAGGCGTTTCCCCCTGGAAGCTCCCTCGT
3010 3020 3030 3040 3050
GCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTC
3060 3070 3080 3090 3100
TCCCTTCGGGAAGCGTGGCGCTTTCTCAATGCTCACGCTGTAGGTATCTC
3110 3120 3130 3140 3150
AGTTCGGTGTAGGTCGTTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCC
3160 3170 3180 3190 3200
CGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCA
3210 3220 3230 3240 3250
ACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGG
3260 3270 3280 3290 3300
ATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTG
3310 3320 3330 3340 3350
GCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGC
3360 3370 3380 3390 3400
TGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAA
3410 3420 3430 3440 3450
CAAACCACCGCTGGTAGCGGTGGTTTTTTTGTGTTGCAAGCAGCAGATTAC
3460 3470 3480 3490 3500
GCGCAGAAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGT
3510 3520 3530 3540 3550
CTGACGCTCAGTGGAACGAAAACCTCACGTTAAGGGATTTTGGTCATGAGA
3560 3570 3580 3590 3600
TTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTT
3610 3620 3630 3640 3650
TAAATCAATCTAAAGTATATATGAGTAACTTGGTCTGACAGTTACCAAT
3660 3670 3680 3690 3700
GCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCC
3710 3720 3730 3740 3750
ATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTT
3760 3770 3780 3790 3800
ACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGG

Fig. 1D

3810 3820 3830 3840 3850
CTCCAGATTTATCAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCAGA
3860 3870 3880 3890 3900
AGTGGTCCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCG
3910 3920 3930 3940 3950
GGAAGCTAGAGTAAGTAGTTTCGCCAGTTAATAGTTTGCGCAACGTTGTTG
3960 3970 3980 3990 4000
CCATTGCTACAGGCATCGTGGTGTACGCTCGTCGTTTGGTATGGCTTCA
4010 4020 4030 4040 4050
TTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTT
4060 4070 4080 4090 4100
GTGCAAAAAAGCGGTTAGCTCCTTCGGTCCTCCGATCGTTGTCAGAAGTA
4110 4120 4130 4140 4150
AGTTGGCCGCGAGTGTTATCACTCATGGTTATGGCAGCACTGCATAATTCT
4160 4170 4180 4190 4200
CTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTC
4210 4220 4230 4240 4250
AACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCC
4260 4270 4280 4290 4300
CGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAAAGTG
4310 4320 4330 4340 4350
CTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCTCAAGGATCTTACC
4360 4370 4380 4390 4400
GCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTT
4410 4420 4430 4440 4450
CAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGG
4460 4470 4480 4490 4500
CAAAATGCCGCAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACT
4510 4520 4530 4540 4550
CATACTCTTCCTTTTCAATATTATTGAAGCATTTATCAGGGTTATTGTC
4560 4570 4580 4590 4600
TCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAATAGGG
4610 4620 4630
GTTCCGCGCACATTTCCCCGAAAAGTGCCACCTGACGTC

Fig. 1E

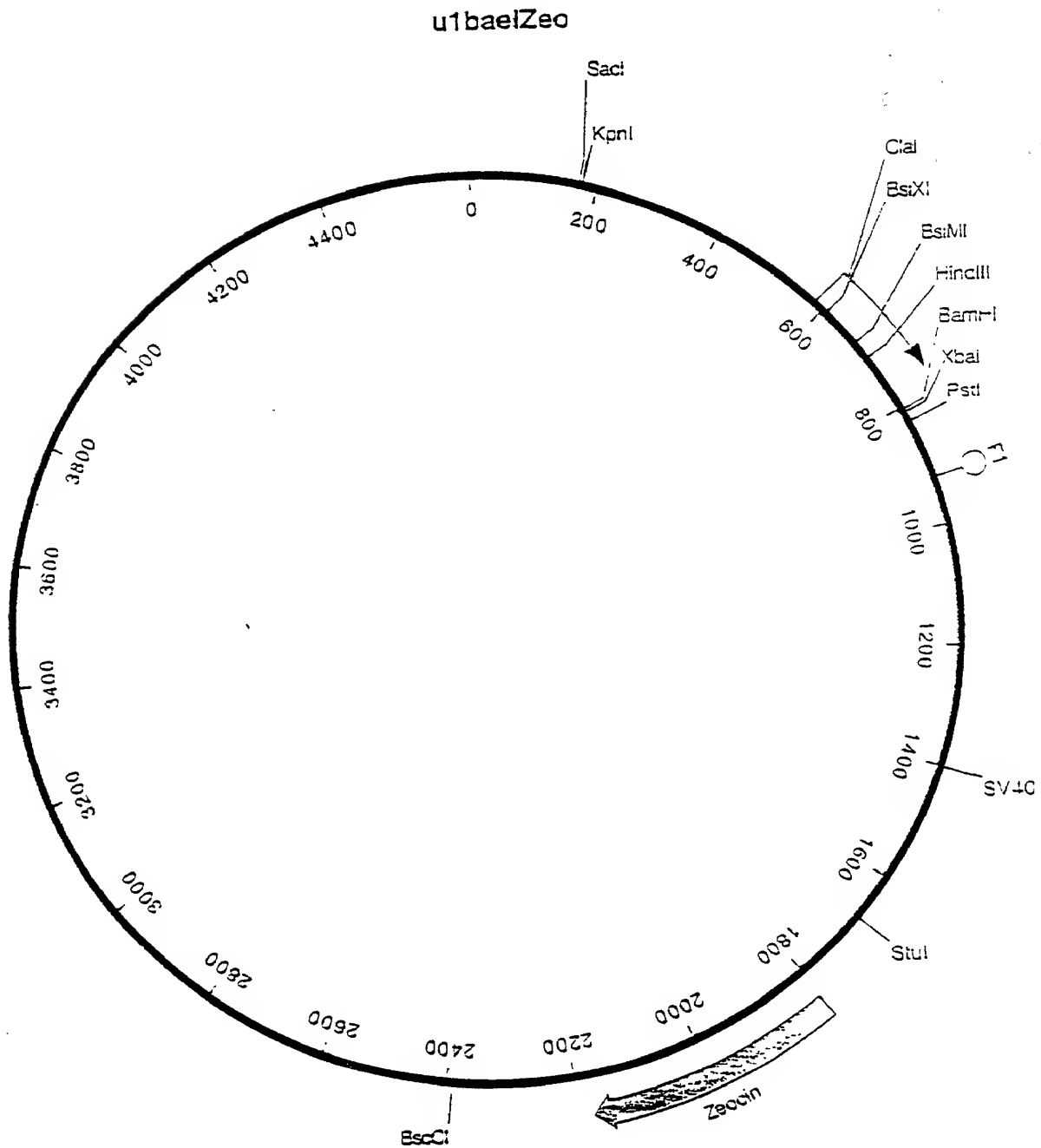


Fig. 2

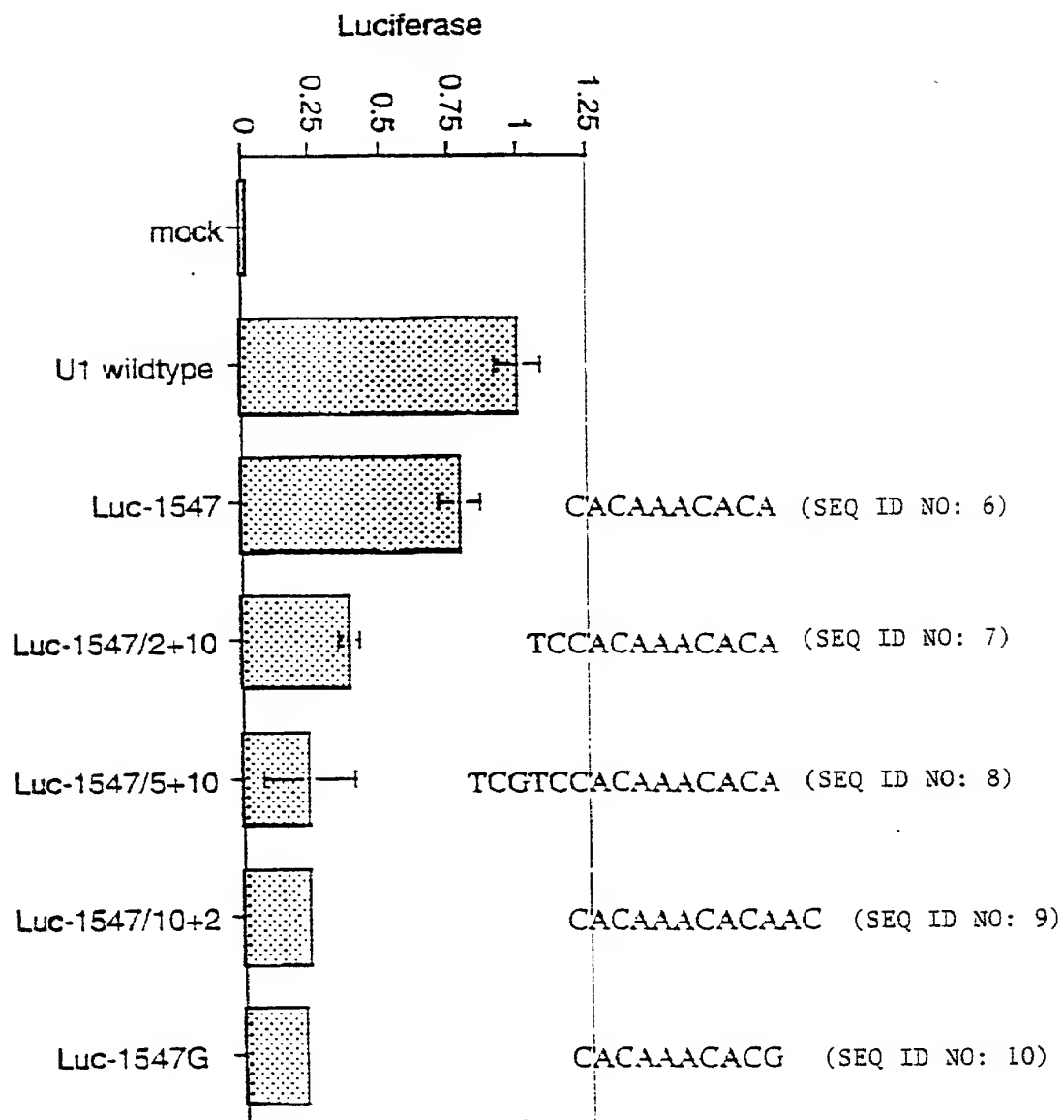


Fig. 3

Bae1/U1 construct

GGCCCAAGA/TCTCAAGGGCCCATACATGTGTACCATCGATTGCAGG⁺¹²GGAGATACCATG (SEQ ID NO.: 11)

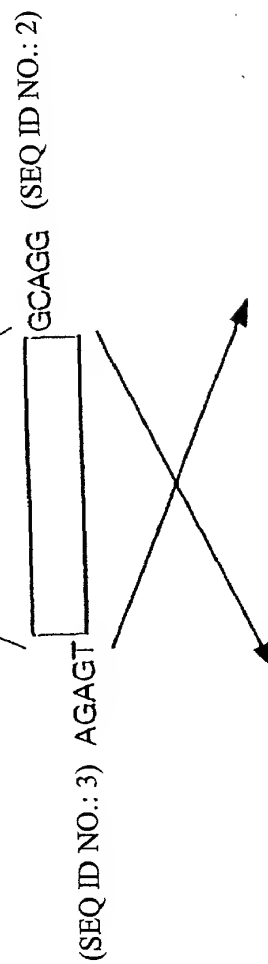
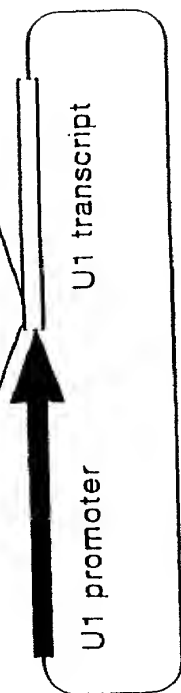


Fig. 4